

Strategies of Elicitation to Enhance Bioactive Compound Content in Edible Plant Sprouts: A Bibliometric Study

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Supplementary Materials

Table S1. Main investigations of elicitation mechanisms in the synthesis of bioactive compounds in sprouts.

| Description | Results |
|--------------------------------------|-----------|
| MAIN INFORMATION ABOUT DATA | |
| Timespan | 1992:2020 |
| Sources (Journals, Books, others) | 246 |
| Documents | 787 |
| Average years from publication | 6 |
| Average citations per documents | 16.98 |
| Average citations per year per doc | 2.076 |
| References | 26,166 |
| DOCUMENT TYPES | |
| article | 722 |
| article; book chapter | 7 |
| article; early access | 1 |
| article; proceedings paper | 10 |
| editorial material | 1 |
| meeting abstract | 1 |
| review | 37 |
| review; book chapter | 1 |
| DOCUMENT CONTENTS | |
| Keywords Plus (ID) | 2,248 |
| Author's Keywords (DE) | 2,228 |
| AUTHORS | |
| Authors | 2,738 |
| Author Appearances | 3,576 |
| Authors of single-authored documents | 13 |
| Authors of multi-authored documents | 2725 |
| AUTHORS COLLABORATION | |
| Single-authored documents | 17 |
| Documents per Author | 0.287 |
| Authors per Document | 3.48 |
| Co-Authors per Documents | 4.54 |
| Collaboration Index | 3.54 |

Table S2. The 246 journals that contain the articles extracted from the database.

| Nº | Sources | Articles |
|----|--|----------|
| 1 | JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY | 42 |
| 2 | FOOD CHEMISTRY | 39 |
| 3 | LWT-FOOD SCIENCE AND TECHNOLOGY | 32 |

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|----|---|----|
| 4 | JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE | 30 |
| 5 | JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE | 23 |
| 6 | INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY | 20 |
| 7 | MOLECULES | 19 |
| 8 | JOURNAL OF FOOD PROCESSING AND PRESERVATION | 17 |
| 9 | SCIENTIA HORTICULTURAE | 16 |
| 10 | FOOD SCIENCE AND BIOTECHNOLOGY | 15 |
| 11 | FOODS | 15 |
| 12 | FRONTIERS IN PLANT SCIENCE | 13 |
| 13 | JOURNAL OF FOOD BIOCHEMISTRY | 12 |
| 14 | ACTA PHYSIOLOGIAE PLANTARUM | 11 |
| 15 | CEREAL CHEMISTRY | 10 |
| 16 | INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES | 10 |
| 17 | JOURNAL OF CEREAL SCIENCE | 10 |
| 18 | JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION | 10 |
| 19 | JOURNAL OF FOOD SCIENCE | 10 |
| 20 | JOURNAL OF PLANT PHYSIOLOGY | 10 |
| 21 | FOOD RESEARCH INTERNATIONAL | 9 |
| 22 | HORTSCIENCE | 8 |
| 23 | JOURNAL OF FUNCTIONAL FOODS | 8 |
| 24 | AGRONOMY-BASEL | 7 |
| 25 | ENVIRONMENTAL AND EXPERIMENTAL BOTANY | 7 |
| 26 | FOOD SCIENCE \& NUTRITION | 7 |
| 27 | INDUSTRIAL CROPS AND PRODUCTS | 7 |
| 28 | BMC PLANT BIOLOGY | 6 |
| 29 | TRENDS IN FOOD SCIENCE \& TECHNOLOGY | 6 |
| 30 | ACTA SCIENTIARUM POLONORUM-HORTORUM CULTUS | 5 |
| 31 | EUROPEAN FOOD RESEARCH AND TECHNOLOGY | 5 |
| 32 | FOOD AND BIOPROCESS TECHNOLOGY | 5 |
| 33 | FOOD CONTROL | 5 |
| 34 | HORTICULTURE ENVIRONMENT AND BIOTECHNOLOGY | 5 |
| 35 | INTERNATIONAL FOOD RESEARCH JOURNAL | 5 |
| 36 | JOURNAL OF THE AMERICAN SOCIETY FOR HORTICULTURAL SCIENCE | 5 |
| 37 | PLANT BIOLOGY | 5 |
| 38 | ANNALS OF BOTANY | 4 |
| 39 | CEREAL RESEARCH COMMUNICATIONS | 4 |
| 40 | CYTA-JOURNAL OF FOOD | 4 |
| 41 | FOOD \& FUNCTION | 4 |
| 42 | FOOD BIOSCIENCE | 4 |
| 43 | FOOD SCIENCE AND TECHNOLOGY | 4 |
| 44 | FOOD SCIENCE AND TECHNOLOGY INTERNATIONAL | 4 |
| 45 | HORTICULTURAE | 4 |
| 46 | MOLECULAR NUTRITION \& FOOD RESEARCH | 4 |
| 47 | PLANT CELL AND ENVIRONMENT | 4 |
| 48 | PLANT GROWTH REGULATION | 4 |
| 49 | PLANTS-BASEL | 4 |
| 50 | PROCESS BIOCHEMISTRY | 4 |
| 51 | SOUTH AFRICAN JOURNAL OF BOTANY | 4 |
| 52 | AUSTRALIAN JOURNAL OF BOTANY | 3 |
| 53 | FOOD SCIENCE AND TECHNOLOGY RESEARCH | 3 |
| 54 | GLUCOSINOLATES | 3 |
| 55 | INTERNATIONAL JOURNAL OF FOOD PROPERTIES | 3 |
| 56 | JOURNAL OF CHEMISTRY | 3 |

| | | |
|-----|--|---|
| 57 | JOURNAL OF ENVIRONMENTAL BIOLOGY | 3 |
| 58 | JOURNAL OF FOOD COMPOSITION AND ANALYSIS | 3 |
| 59 | JOURNAL OF FOOD PROCESS ENGINEERING | 3 |
| 60 | JOURNAL OF PROTEOMICS | 3 |
| 61 | KOREAN JOURNAL FOR FOOD SCIENCE OF ANIMAL RESOURCES | 3 |
| 62 | NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA | 3 |
| 63 | PLANT PHYSIOLOGY AND BIOCHEMISTRY | 3 |
| 64 | POSTHARVEST BIOLOGY AND TECHNOLOGY | 3 |
| 65 | SCIENTIFIC REPORTS | 3 |
| 66 | AGRICULTURAL AND FOOD SCIENCE | 2 |
| 67 | BIOLOGIA PLANTARUM | 2 |
| 68 | BIOMED RESEARCH INTERNATIONAL | 2 |
| 69 | BIOSCIENCE RESEARCH | 2 |
| 70 | BOTANY | 2 |
| 71 | CURRENT RESEARCH IN NUTRITION AND FOOD SCIENCE | 2 |
| 72 | EUPHYTICA | 2 |
| 73 | FOOD BIOTECHNOLOGY | 2 |
| 74 | FRESENIUS ENVIRONMENTAL BULLETIN | 2 |
| 75 | FUNCTIONAL FOODS IN HEALTH AND DISEASE | 2 |
| 76 | INTERNATIONAL JOURNAL OF PLANT SCIENCES | 2 |
| 77 | INVASIVE PLANT SCIENCE AND MANAGEMENT | 2 |
| 78 | ITALIAN JOURNAL OF AGRONOMY | 2 |
| 79 | JOURNAL OF APPLIED RESEARCH ON MEDICINAL AND AROMATIC PLANTS | 2 |
| 80 | JOURNAL OF CHROMATOGRAPHY A | 2 |
| 81 | JOURNAL OF EXPERIMENTAL BOTANY | 2 |
| 82 | JOURNAL OF FOOD QUALITY | 2 |
| 83 | JOURNAL OF HORTICULTURAL SCIENCE \& BIOTECHNOLOGY | 2 |
| 84 | JOURNAL OF INTEGRATIVE PLANT BIOLOGY | 2 |
| 85 | JOURNAL OF MICROBIOLOGY BIOTECHNOLOGY AND FOOD SCIENCES | 2 |
| 86 | JOURNAL OF PHYTOPATHOLOGY | 2 |
| 87 | JOURNAL OF PLANT NUTRITION | 2 |
| 88 | NUTRITION \& FOOD SCIENCE | 2 |
| 89 | PAKISTAN JOURNAL OF AGRICULTURAL SCIENCES | 2 |
| 90 | PAKISTAN JOURNAL OF BOTANY | 2 |
| 91 | PHILIPPINE AGRICULTURAL SCIENTIST | 2 |
| 92 | PHYSIOLOGIA PLANTARUM | 2 |
| 93 | PHYTOCHEMISTRY | 2 |
| 94 | PHYTON-ANNALES REI BOTANICAE | 2 |
| 95 | PLANT FOODS FOR HUMAN NUTRITION | 2 |
| 96 | PLANT MOLECULAR BIOLOGY | 2 |
| 97 | PLANTA | 2 |
| 98 | POLISH JOURNAL OF FOOD AND NUTRITION SCIENCES | 2 |
| 99 | QUALITY ASSURANCE AND SAFETY OF CROPS \& FOODS | 2 |
| 100 | RSC ADVANCES | 2 |
| 101 | SEED SCIENCE AND TECHNOLOGY | 2 |
| 102 | SEED SCIENCE RESEARCH | 2 |
| 103 | SPROUTED GRAINS: NUTRITIONAL VALUE PRODUCTION AND APPLICATIONS | 2 |
| 104 | UKRAINIAN FOOD JOURNAL | 2 |
| 105 | ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY | 1 |
| 106 | ACTA ALIMENTARIA | 1 |
| 107 | ACTA BIOLOGICA CRACOVIENSIS SERIES BOTANICA | 1 |
| 108 | ACTA BOTANICA BRASILICA | 1 |
| 109 | ACTA SCIENTIARUM POLONORUM-TECHNOLOGIA ALIMENTARIA | 1 |

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| 110 | ACTA SOCIETATIS BOTANICORUM POLONIAE | 1 |
| 111 | AFRICAN JOURNAL OF BIOTECHNOLOGY | 1 |
| 112 | AGRICULTURAL RESEARCH | 1 |
| 113 | AGRICULTURAL SYSTEMS | 1 |
| 114 | AGRICULTURE-BASEL | 1 |
| 115 | AGRONOMY JOURNAL | 1 |
| 116 | ALLELOPATHY JOURNAL | 1 |
| 117 | AMERICAN JOURNAL OF POTATO RESEARCH | 1 |
| 118 | ANALYST | 1 |
| 119 | ANALYTICAL BIOCHEMISTRY | 1 |
| 120 | ANALYTICAL CHEMISTRY | 1 |
| 121 | ANNALS OF AGRICULTURAL SCIENCE | 1 |
| 122 | ANNALS OF THE UNIVERSITY DUNAREA DE JOS OF GALATI FASCICLE VI- FOOD TECHNOLOGY | 1 |
| 123 | APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH | 1 |
| 124 | APPLIED FOOD BIOTECHNOLOGY | 1 |
| 125 | ARCHIVES OF AGRONOMY AND SOIL SCIENCE | 1 |
| 126 | ASIA PACIFIC JOURNAL OF CLINICAL NUTRITION | 1 |
| 127 | AUSTRALIAN JOURNAL OF EXPERIMENTAL AGRICULTURE | 1 |
| 128 | AUSTRALIAN JOURNAL OF PLANT PHYSIOLOGY | 1 |
| 129 | BIOCHIMIE | 1 |
| 130 | BIOLOGIA | 1 |
| 131 | BIOLOGIA FUTURA | 1 |
| 132 | BIOORGANICHESKAYA KHIMIYA | 1 |
| 133 | BIORESOURCE TECHNOLOGY | 1 |
| 134 | BIOSCIENCE JOURNAL | 1 |
| 135 | BIOTECNIA | 1 |
| 136 | BMC GENOMICS | 1 |
| 137 | BOTANICAL SCIENCES | 1 |
| 138 | BOTANICAL STUDIES | 1 |
| 139 | BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY | 1 |
| 140 | CANADIAN JOURNAL OF PLANT SCIENCE | 1 |
| 141 | CARPATHIAN JOURNAL OF FOOD SCIENCE AND TECHNOLOGY | 1 |
| 142 | CENTRAL EUROPEAN JOURNAL OF BIOLOGY | 1 |
| 143 | CHEMISTRY CENTRAL JOURNAL | 1 |
| 144 | CIENCIA RURAL | 1 |
| 145 | COGENT FOOD \& AGRICULTURE | 1 |
| 146 | CURRENT TOPICS IN NUTRACEUTICAL RESEARCH | 1 |
| 147 | CZECH JOURNAL OF FOOD SCIENCES | 1 |
| 148 | EGYPTIAN JOURNAL OF BOTANY | 1 |
| 149 | EMIRATES JOURNAL OF FOOD AND AGRICULTURE | 1 |
| 150 | ENVIRONMENTAL PROTECTION STRATEGIES FOR SUSTAINABLE DEVELOP- MENT | 1 |
| 151 | ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH | 1 |
| 152 | EUROPEAN JOURNAL OF AGRONOMY | 1 |
| 153 | FOOD ANALYTICAL METHODS | 1 |
| 154 | FOOD AUSTRALIA | 1 |
| 155 | FOOD ENGINEERING REVIEWS | 1 |
| 156 | FOOD PACKAGING AND SHELF LIFE | 1 |
| 157 | FOOD PROCESSING: METHODS TECHNIQUES AND TRENDS | 1 |
| 158 | FOOD QUALITY AND SAFETY | 1 |
| 159 | FOOD SECURITY | 1 |
| 160 | FOOD TECHNOLOGY AND BIOTECHNOLOGY | 1 |

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| 161 | FREE RADICAL RESEARCH | 1 |
| 162 | FRUITS | 1 |
| 163 | GAYANA BOTANICA | 1 |
| 164 | GENETIC RESOURCES AND CROP EVOLUTION | 1 |
| 165 | GRASAS Y ACEITES | 1 |
| 166 | INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY | 1 |
| 167 | INDIAN JOURNAL OF TRADITIONAL KNOWLEDGE | 1 |
| 168 | INTERNATIONAL JOURNAL OF BIOLOGY AND CHEMISTRY | 1 |
| 169 | INTERNATIONAL JOURNAL OF FOOD SCIENCES AND NUTRITION | 1 |
| 170 | INTERNATIONAL JOURNAL OF GASTRONOMY AND FOOD SCIENCE | 1 |
| 171 | INTERNATIONAL JOURNAL OF PHYTOREMEDIATION | 1 |
| 172 | INTERNATIONAL JOURNAL OF PLANT PRODUCTION | 1 |
| 173 | ISRAEL JOURNAL OF PLANT SCIENCES | 1 |
| 174 | JOURNAL INTERNATIONAL DES SCIENCES DE LA VIGNE ET DU VIN | 1 |
| 175 | JOURNAL OF AGRICULTURAL SCIENCE AND TECHNOLOGY | 1 |
| 176 | JOURNAL OF AGRICULTURAL SCIENCES-TARIM BILIMLERI DERGISI | 1 |
| 177 | JOURNAL OF ANALYTICAL METHODS IN CHEMISTRY | 1 |
| 178 | JOURNAL OF AOAC INTERNATIONAL | 1 |
| 179 | JOURNAL OF APPLIED BOTANY AND FOOD QUALITY | 1 |
| 180 | JOURNAL OF BIOSCIENCES | 1 |
| 181 | JOURNAL OF ESSENTIAL OIL RESEARCH | 1 |
| 182 | JOURNAL OF FOOD AND NUTRITION RESEARCH | 1 |
| 183 | JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-UKRAINE | 1 |
| 184 | JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES | 1 |
| 185 | JOURNAL OF INTEGRATIVE AGRICULTURE | 1 |
| 186 | JOURNAL OF OLEO SCIENCE | 1 |
| 187 | JOURNAL OF PLANT BIOCHEMISTRY AND BIOTECHNOLOGY | 1 |
| 188 | JOURNAL OF PLANT BIOLOGY | 1 |
| 189 | JOURNAL OF PLANT GROWTH REGULATION | 1 |
| 190 | JOURNAL OF TEXTURE STUDIES | 1 |
| 191 | JOURNAL OF THE CHILEAN CHEMICAL SOCIETY | 1 |
| 192 | JOURNAL OF THE CHINESE INSTITUTE OF ENGINEERS | 1 |
| 193 | JOURNAL OF THE JAPANESE SOCIETY FOR FOOD SCIENCE AND TECHNOLOGY-NIPPON SHOKUHIN KAGAKU KOGAKU KAISHI | 1 |
| 194 | JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE B | 1 |
| 195 | KOREAN JOURNAL OF HORTICULTURAL SCIENCE \& TECHNOLOGY | 1 |
| 196 | KVASNY PRUMYSL | 1 |
| 197 | LEGUME RESEARCH | 1 |
| 198 | MEAT SCIENCE | 1 |
| 199 | MOLECULAR \& CELLULAR PROTEOMICS | 1 |
| 200 | MOLECULAR PLANT PATHOLOGY | 1 |
| 201 | NUSANTARA BIOSCIENCE | 1 |
| 202 | NUTRIENTS | 1 |
| 203 | OXIDATIVE MEDICINE AND CELLULAR LONGEVITY | 1 |
| 204 | PEERJ | 1 |
| 205 | PESQUISA AGROPECUARIA BRASILEIRA | 1 |
| 206 | PHILIPPINE JOURNAL OF CROP SCIENCE | 1 |
| 207 | PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES | 1 |
| 208 | PHOTOSYNTHETICA | 1 |
| 209 | PHYSIOLOGY AND MOLECULAR BIOLOGY OF PLANTS | 1 |
| 210 | PHYSIOLOGY INTERNATIONAL | 1 |
| 211 | PHYTON-INTERNATIONAL JOURNAL OF EXPERIMENTAL BOTANY | 1 |

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| 212 | PHYTOPATHOLOGY | 1 |
| 213 | PLANT AND SOIL | 1 |
| 214 | PLANT BREEDING | 1 |
| 215 | PLANT CELL TISSUE AND ORGAN CULTURE | 1 |
| 216 | PLANT JOURNAL | 1 |
| 217 | PLANT METHODS | 1 |
| 218 | PLANT PHYSIOLOGY | 1 |
| 219 | PLANT SCIENCE TODAY | 1 |
| 220 | PLOS ONE | 1 |
| 221 | POLISH JOURNAL OF ENVIRONMENTAL STUDIES | 1 |
| 222 | POTATO RESEARCH | 1 |
| 223 | PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA | 1 |
| 224 | PROCESSES | 1 |
| 225 | PROTEOME SCIENCE | 1 |
| 226 | PROTEOMICS | 1 |
| 227 | QUIMICA NOVA | 1 |
| 228 | RESEARCH JOURNAL OF BIOTECHNOLOGY | 1 |
| 229 | REVISTA BRASILEIRA DE CIENCIA DO SOLO | 1 |
| 230 | REVISTA BRASILEIRA DE CIENCIAS AGRARIAS-AGRARIA | 1 |
| 231 | REVISTA BRASILEIRA DE FRUTICULTURA | 1 |
| 232 | REVISTA DE BIOLOGIA TROPICAL | 1 |
| 233 | REVISTA DE LA FACULTAD DE AGRONOMIA DE LA UNIVERSIDAD DEL ZULIA | 1 |
| 234 | REVISTA DE LA FACULTAD DE CIENCIAS AGRARIAS | 1 |
| 235 | REVISTA MEXICANA DE INGENIERIA QUIMICA | 1 |
| 236 | REVISTA VIRTUAL DE QUIMICA | 1 |
| 237 | RICE SCIENCE | 1 |
| 238 | ROMANIAN BIOTECHNOLOGICAL LETTERS | 1 |
| 239 | RUSSIAN JOURNAL OF PLANT PHYSIOLOGY | 1 |
| 240 | SCIENCE OF THE TOTAL ENVIRONMENT | 1 |
| 241 | SEMINA-CIENCIAS AGRARIAS | 1 |
| 242 | SOIL SCIENCE | 1 |
| 243 | SOUTH AFRICAN JOURNAL OF ENOLOGY AND VITICULTURE | 1 |
| 244 | SWEET POTATO: POST HARVEST ASPECTS IN FOOD FEED AND INDUSTRY | 1 |
| 245 | TROPICAL PLANT BIOLOGY | 1 |
| 246 | ZEMDIRBYSTE-AGRICULTURE | 1 |

Table S3. The top 50 author keywords found in the highest number of articles.

| N° keywords | Author Keywords | Frequency | % |
|----------------|----------------------|-----------|----|
| 1 | germination | 142 | 14 |
| 2 | antioxidant activity | 84 | 8 |
| 3 | antioxidant | 53 | 5 |
| 4 | glucosinolates | 48 | 5 |
| 5 | sprouts | 45 | 4 |
| 6 | phenolics | 36 | 4 |
| 7 | phenolic compounds | 33 | 3 |
| 8 | elicitation | 27 | 3 |
| 9 | antioxidants | 25 | 2 |
| 10 | sprouting | 23 | 2 |

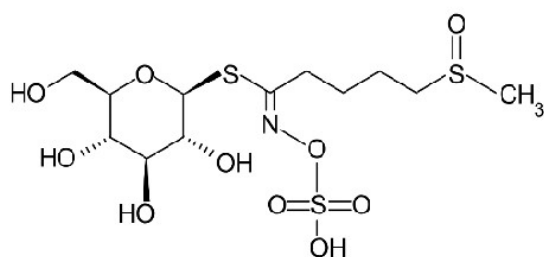
| | | | |
|----|--------------------------|----|---|
| 11 | antioxidant capacity | 22 | 2 |
| 12 | phytochemicals | 22 | 2 |
| 13 | soybean | 22 | 2 |
| 14 | flavonoids | 20 | 2 |
| 15 | glucosinolate | 19 | 2 |
| 16 | broccoli sprouts | 18 | 2 |
| 17 | seed germination | 18 | 2 |
| 18 | activity | 17 | 2 |
| 19 | sulforaphane | 17 | 2 |
| 20 | broccoli | 16 | 2 |
| 21 | phenolic | 15 | 1 |
| 22 | myrosinase | 14 | 1 |
| 23 | bioactive compounds | 13 | 1 |
| 24 | polyphenols | 13 | 1 |
| 25 | sprout | 13 | 1 |
| 26 | antioxidant enzymes | 12 | 1 |
| 27 | seed | 12 | 1 |
| 28 | yield | 12 | 1 |
| 29 | elicitors | 11 | 1 |
| 30 | gamma-aminobutyric acid | 11 | 1 |
| 31 | methyl jasmonate | 11 | 1 |
| 32 | phytic acid | 11 | 1 |
| 33 | <i>brassica oleracea</i> | 10 | 1 |
| 34 | gene expression | 10 | 1 |
| 35 | metabolomics | 10 | 1 |
| 36 | rice | 10 | 1 |
| 37 | wheat | 10 | 1 |
| 38 | brown rice | 9 | 1 |
| 39 | carotenoids | 9 | 1 |
| 40 | fermentation | 9 | 1 |
| 41 | legumes | 9 | 1 |
| 42 | light | 9 | 1 |
| 43 | phytochemical | 9 | 1 |
| 44 | properties | 9 | 1 |
| 45 | selenium | 9 | 1 |
| 46 | soaking | 9 | 1 |
| 47 | tartary buckwheat | 9 | 1 |
| 48 | anthocyanin | 8 | 1 |
| 49 | bioaccessibility | 8 | 1 |
| 50 | compounds | 8 | 1 |

Table S4. The most productive countries concerning publications on elicitation in sprouts.

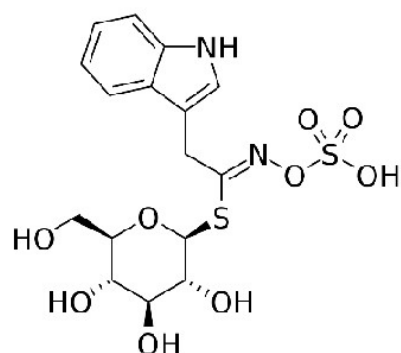
| Rank | Country | Articles | Frequency (%) | SCP | MCP | MCP Ratio (%) |
|------|---------|----------|---------------|-----|-----|---------------|
| 1 | China | 150 | 0.1931 | 125 | 25 | 0.1667 |
| 2 | India | 85 | 0.1094 | 78 | 7 | 0.0824 |
| 3 | USA | 60 | 0.0772 | 49 | 11 | 0.1833 |
| 4 | Korea | 58 | 0.0746 | 50 | 8 | 0.1379 |
| 5 | Poland | 43 | 0.0553 | 40 | 3 | 0.0698 |
| 6 | Spain | 40 | 0.0515 | 26 | 14 | 0.3500 |

| | | | | | | |
|----|----------|----|--------|----|----|--------|
| 7 | Italy | 39 | 0.0502 | 27 | 12 | 0.3077 |
| 8 | Mexico | 27 | 0.0347 | 22 | 5 | 0.1852 |
| 9 | Brazil | 24 | 0.0309 | 22 | 2 | 0.0833 |
| 10 | Thailand | 24 | 0.0309 | 18 | 6 | 0.2500 |

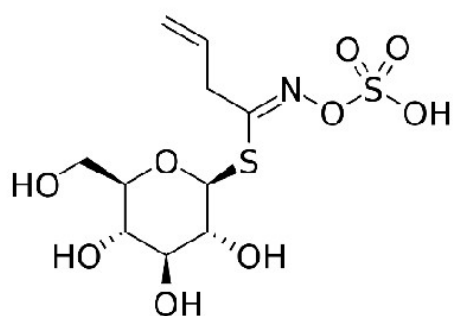
Freq: Frequency; SCP: Single Country Publications; MCP: Multiple Country Publications.



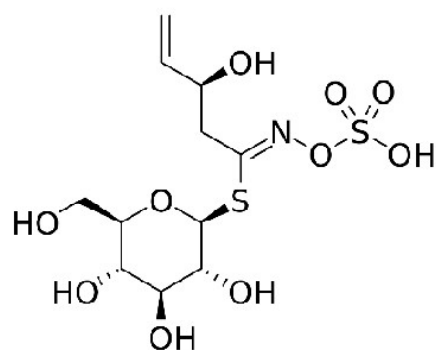
Glucoraphanin



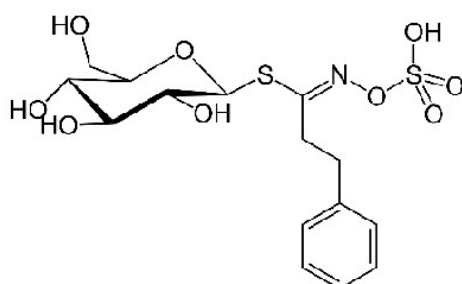
Glucobrassicin



Sinigrin



Progoitrin



Gluconasturtiin

Figure S1. Chemical structures of the main glucosinolates.